

**PRELIMINARY Analytical Data  
Upper Animas River**

| Analyte                  | CAS.NO    | Units | Location    | 32nd St Bridge | 32nd St Bridge | 32nd St Bridge | A68          | A68          | A68          | A68          | A72          |
|--------------------------|-----------|-------|-------------|----------------|----------------|----------------|--------------|--------------|--------------|--------------|--------------|
|                          |           |       | Sample ID   | 085M-1491      | 085M-1492      | 085M-1490      | 085M-1497    | 085M-1499    | 085M-1500    | 085M-1498    | 085M-1483    |
|                          |           |       | Date        | 8/5/2015       | 8/6/2015       | 8/6/2015       | 8/5/2015     | 8/5/2015     | 8/5/2015     | 8/6/2015     | 8/5/2015     |
|                          |           |       | Sample Time | 20:50          | 0:40           | 9:45           | 16:00        | 19:15        | 23:30        | 6:15         | 13:45        |
|                          |           |       | Latitude    | 37.299991      | 37.299991      | 37.299991      | 37.81120198  | 37.81120198  | 37.81120198  | 37.81120198  | 37.79027049  |
|                          |           |       | Longitude   | -107.868199    | -107.868199    | -107.868199    | -107.6591665 | -107.6591665 | -107.6591665 | -107.6591665 | -107.6675778 |
| DM-Hardness - Calculated |           |       |             |                |                |                |              |              |              |              |              |
| Hardness                 | NA        | mg/l  | --          | 158            | 159            | 160            | 101          | 103          | 102          | 103          | 172          |
| ICPOE/ICPMS Diss. Metals |           |       |             |                |                |                |              |              |              |              |              |
| Aluminum                 | 7429-90-5 | ug/L  | --          | < 20 U         | < 20 U         | < 20 U         | 55.1         | 45.6 J       | 31 J         | 30.5 J       | 513          |
| Antimony                 | 7440-36-0 | ug/L  | --          | < 0.5 U        | < 0.5 U        | < 0.5 U        | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      |
| Arsenic                  | 7440-38-2 | ug/L  | --          | 0.628 J        | 0.603 J        | < 0.5 U        | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      |
| Barium                   | 7440-39-3 | ug/L  | --          | 48.2           | 49.3           | 45.7           | 21.3         | 21.9         | 22.5         | 21.8         | 20.2         |
| Beryllium                | 7440-41-7 | ug/L  | --          | < 2 U          | < 2 U          | < 2 U          | < 2 U        | < 2 U        | < 2 U        | < 2 U        | < 2 U        |
| Cadmium                  | 7440-43-9 | ug/L  | --          | 0.178 J        | 0.16 J         | 0.19 J         | 0.828        | 0.815        | 0.974        | 0.85         | 1.81         |
| Calcium                  | 7440-70-2 | ug/L  | --          | 51200          | 51400          | 52200          | 36400        | 37200        | 36700        | 36900        | 61300        |
| Chromium                 | 7440-47-3 | ug/L  | --          | 3.06           | 3              | 2.47           | 1.08 J       | < 1 U        | 1.23 J       | < 1 U        | < 1 U        |
| Cobalt                   | 7440-48-4 | ug/L  | --          | 0.321          | 0.332          | 0.307          | 0.34         | 0.371        | 0.375        | 0.405        | 5.75         |
| Copper                   | 7440-50-8 | ug/L  | --          | 1.7            | 1.56           | 1.62           | 3.45         | 3.16         | 3.52         | 3.26         | 9.27         |
| Iron                     | 7439-89-6 | ug/L  | --          | < 100 U        | < 100 U        | < 100 U        | < 100 U      | < 100 U      | < 100 U      | < 100 U      | < 100 U      |
| Lead                     | 7439-92-1 | ug/L  | --          | 0.24           | < 0.1 U        | 0.115 J        | 0.232        | 0.283        | 0.82         | 0.329        | 0.225        |
| Magnesium                | 7439-95-4 | ug/L  | --          | 7280           | 7350           | 7120           | 2580         | 2560         | 2580         | 2610         | 4590         |
| Manganese                | 7439-96-5 | ug/L  | --          | 105            | 105            | 97.8           | 737          | 727          | 757          | 817          | 1370         |
| Molybdenum               | 7439-98-7 | ug/L  | --          | < 1 U          | < 1 U          | < 1 U          | 1.51         | 1.44         | 1.48         | 1.4          | < 1 U        |
| Nickel                   | 7440-02-0 | ug/L  | --          | < 0.5 U        | < 0.5 U        | < 0.5 U        | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      | 2.87         |
| Potassium                | 7440-09-7 | ug/L  | --          | 1960           | 2020           | 1890           | 535 J        | 530 J        | 515 J        | 514 J        | 691 J        |
| Selenium                 | 7782-49-2 | ug/L  | --          | < 1 U          | < 1 U          | < 1 U          | < 1 U        | < 1 U        | < 1 U        | < 1 U        | < 1 U        |
| Silver                   | 7440-22-4 | ug/L  | --          | < 0.5 U        | < 0.5 U        | < 0.5 U        | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      |
| Sodium                   | 7440-23-5 | ug/L  | --          | 11400          | 11600          | 11000          | 1750         | 1720         | 1740         | 1720         | 2400         |
| Thallium                 | 7440-28-0 | ug/L  | --          | < 0.5 U        | < 0.5 U        | < 0.5 U        | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      |
| Vanadium                 | 7440-62-2 | ug/L  | --          | < 2 U          | < 2 U          | < 2 U          | < 2 U        | < 2 U        | < 2 U        | < 2 U        | < 2 U        |
| Zinc                     | 7440-66-6 | ug/L  | --          | 43.5           | 37.8           | 49.1           | 199          | 238          | 324          | 326          | 699          |

# PRELIMINARY Analytical Data Upper Animas River

| Analyte                      | CAS.NO      | Units       | Location    | 32nd St Bridge | 32nd St Bridge | 32nd St Bridge | A68          | A68          | A68          | A68         | A72         |
|------------------------------|-------------|-------------|-------------|----------------|----------------|----------------|--------------|--------------|--------------|-------------|-------------|
|                              |             |             | Sample ID   | 085M-1491      | 085M-1492      | 085M-1490      | 085M-1497    | 085M-1499    | 085M-1500    | 085M-1498   | 085M-1483   |
|                              |             |             | Date        | 8/5/2015       | 8/6/2015       | 8/6/2015       | 8/5/2015     | 8/5/2015     | 8/5/2015     | 8/6/2015    | 8/5/2015    |
|                              |             |             | Sample Time | 20:50          | 0:40           | 9:45           | 16:00        | 19:15        | 23:30        | 6:15        | 13:45       |
|                              |             |             | Latitude    | 37.299991      | 37.299991      | 37.299991      | 37.81120198  | 37.81120198  | 37.81120198  | 37.81120198 | 37.79027049 |
| Longitude                    | -107.868199 | -107.868199 | -107.868199 | -107.6591665   | -107.6591665   | -107.6591665   | -107.6591665 | -107.6591665 | -107.6675778 |             |             |
| ICPOE/ICPMS Tot. Rec. Metals |             |             |             |                |                |                |              |              |              |             |             |
| Aluminum                     | 7429-90-5   | ug/L        | --          | 176            | 171            | 220            | 111          | 103          | 88.3         | 90.9        | 5970        |
| Antimony                     | 7440-36-0   | ug/L        | --          | < 2.5 U        | < 2.5 U        | < 2.5 U        | < 2.5 U      | < 2.5 U      | < 2.5 U      | < 2.5 U     | 6.17 D      |
| Arsenic                      | 7440-38-2   | ug/L        | --          | < 2.5 U        | < 2.5 U        | < 2.5 U        | < 2.5 U      | < 2.5 U      | < 2.5 U      | < 2.5 U     | 28.9 D      |
| Barium                       | 7440-39-3   | ug/L        | --          | 49.9 JD        | 48.8 JD        | 46.8 JD        | < 25 U       | < 25 U       | < 25 U       | < 25 U      | 168 D       |
| Beryllium                    | 7440-41-7   | ug/L        | --          | < 2 U          | < 2 U          | < 2 U          | < 2 U        | < 2 U        | < 2 U        | < 2 U       | < 2 U       |
| Cadmium                      | 7440-43-9   | ug/L        | --          | < 0.5 U        | < 0.5 U        | < 0.5 U        | 0.724 JD     | 0.652 JD     | 0.717 JD     | 0.703 JD    | 2.27 D      |
| Calcium                      | 7440-70-2   | ug/L        | --          | 52000          | 52200          | 51600          | 37600        | 37700        | 38500        | 38300       | 61700       |
| Chromium                     | 7440-47-3   | ug/L        | --          | < 5 U          | < 5 U          | < 5 U          | < 5 U        | < 5 U        | < 5 U        | < 5 U       | < 5 U       |
| Cobalt                       | 7440-48-4   | ug/L        | --          | < 0.5 U        | < 0.5 U        | < 0.5 U        | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U     | 7.04 D      |
| Copper                       | 7440-50-8   | ug/L        | --          | 2.7 JD         | < 2.5 U        | 3.31 JD        | 6.15 D       | 4.14 JD      | 4.89 JD      | 4.63 JD     | 49.3 D      |
| Iron                         | 7439-89-6   | ug/L        | --          | 331            | 295            | 371            | 165 J        | 132 J        | 138 J        | 143 J       | 66300       |
| Lead                         | 7439-92-1   | ug/L        | --          | 2.56 D         | 1.8 D          | 3.46 JD        | 1.77 D       | 1.54 D       | 2.18 D       | 1.55 D      | 214 D       |
| Magnesium                    | 7439-95-4   | ug/L        | --          | 7140           | 7160           | 7050           | 2560         | 2540         | 2590         | 2590        | 5600        |
| Manganese                    | 7439-96-5   | ug/L        | --          | 118            | 113            | 120            | 729          | 711          | 750          | 793         | 1480        |
| Molybdenum                   | 7439-98-7   | ug/L        | --          | < 5 U          | < 5 U          | < 5 U          | < 5 U        | < 5 U        | < 5 U        | < 5 U       | < 5 U       |
| Nickel                       | 7440-02-0   | ug/L        | --          | < 2.5 U        | < 2.5 U        | < 2.5 U        | < 2.5 U      | < 2.5 U      | < 2.5 U      | < 2.5 U     | 4.33 JD     |
| Potassium                    | 7440-09-7   | ug/L        | --          | 2050           | 2110           | 2050           | 636 J        | 644 J        | 616 J        | 578 J       | 2380        |
| Selenium                     | 7782-49-2   | ug/L        | --          | < 5 U          | < 5 U          | < 5 U          | < 5 U        | < 5 U        | < 5 U        | < 5 U       | < 5 U       |
| Silver                       | 7440-22-4   | ug/L        | --          | < 2.5 U        | < 2.5 U        | < 2.5 U        | < 2.5 U      | < 2.5 U      | < 2.5 U      | < 2.5 U     | < 2.5 U     |
| Sodium                       | 7440-23-5   | ug/L        | --          | 11100          | 11300          | 10900          | 1680         | 1710         | 1710         | 1690        | 2470        |
| Thallium                     | 7440-28-0   | ug/L        | --          | 12 D           | 13.2 D         | < 2.5 U        | < 2.5 U      | < 2.5 U      | < 2.5 U      | < 2.5 U     | < 2.5 U     |
| Vanadium                     | 7440-62-2   | ug/L        | --          | < 10 U         | < 10 U         | < 10 U         | < 10 U       | < 10 U       | < 10 U       | < 10 U      | 18.3 D      |
| Zinc                         | 7440-66-6   | ug/L        | --          | 71.9           | 67.7           | 79.8           | 222          | 248          | 316          | 321         | 731         |
| TM_Mercury 245.1             |             |             |             |                |                |                |              |              |              |             |             |
| Mercury                      | 7439-97-6   | ug/L        | --          | < 0.05 U       | < 0.05 U       | < 0.05 U       | < 0.05 U     | < 0.05 U     | < 0.05 U     | < 0.05 U    | < 0.05 U    |

J Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)  
MDL Method Detection Limit  
PQL Practical Quantitation Limit, also known as reporting limit.  
U Analyte not detected at or above MDL qualifier  
D Diluted value qualifier.  
mg/L Parts per million (milligrams per liter). Solids equivalent = mg/Kg.  
ug/L Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**PRELIMINARY Analytical Data  
Upper Animas River**

| Analyte                  | CAS.NO    | Units | Location    | A72          | A72          | A72          | A72          | Bakers Bridge | Bakers Bridge | Bakers Bridge | CC48      |
|--------------------------|-----------|-------|-------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|-----------|
|                          |           |       | Sample ID   | 085M-1482    | 085M-1485    | 085M-1486    | 085M-1484    | 085M-1495     | 085M-1493     | 085M-1494     | 085M-1489 |
|                          |           |       | Date        | 8/5/2015     | 8/5/2015     | 8/5/2015     | 8/6/2015     | 8/5/2015      | 8/6/2015      | 8/6/2015      | 8/5/2015  |
|                          |           |       | Sample Time | 16:15        | 20:10        | 23:50        | 6:30         | 20:05         | 0:00          | 9:00          | 19:25     |
|                          |           |       | Latitude    | 37.79027049  | 37.79027049  | 37.79027049  | 37.79027049  | -37.454134    | -37.454134    | -37.454134    | 37.82     |
|                          |           |       | Longitude   | -107.6675778 | -107.6675778 | -107.6675778 | -107.6675778 | -107.801601   | -107.801601   | -107.801601   | -107.6631 |
| DM-Hardness - Calculated |           |       |             |              |              |              |              |               |               |               |           |
| Hardness                 | NA        | mg/l  | --          | 271          | 158          | 144          | 143          | 98            | 98            | 138           | 537       |
| ICPOE/ICPMS Diss. Metals |           |       |             |              |              |              |              |               |               |               |           |
| Aluminum                 | 7429-90-5 | ug/L  | --          | 12000        | 1370         | 59.1         | < 20 U       | 52.3          | 43.9 J        | 904           | 23900     |
| Antimony                 | 7440-36-0 | ug/L  | --          | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U       | < 0.5 U       | < 0.5 U       | < 2.5 U   |
| Arsenic                  | 7440-38-2 | ug/L  | --          | 0.797 J      | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U       | < 0.5 U       | < 0.5 U       | < 2.5 U   |
| Barium                   | 7440-39-3 | ug/L  | --          | 22.6         | 21.6         | 20.8         | 21.5         | 29.8          | 29.9          | 30.3          | 25.7 JD   |
| Beryllium                | 7440-41-7 | ug/L  | --          | 4.5 J        | < 2 U        | < 2 U        | < 2 U        | < 2 U         | < 2 U         | < 2 U         | 9.29      |
| Cadmium                  | 7440-43-9 | ug/L  | --          | 15.2         | 4.29         | 2.59         | 2.11         | 0.353         | 0.336         | 5.32          | 30.6 D    |
| Calcium                  | 7440-70-2 | ug/L  | --          | 95400        | 55700        | 51000        | 50700        | 32600         | 32600         | 46500         | 190000    |
| Chromium                 | 7440-47-3 | ug/L  | --          | < 1 U        | < 1 U        | < 1 U        | < 1 U        | < 1 U         | < 1 U         | < 1 U         | < 5 U     |
| Cobalt                   | 7440-48-4 | ug/L  | --          | 32.1         | 7.98         | 5.4          | 4.69         | 1.02          | 1.08          | 9.32          | 54.4 D    |
| Copper                   | 7440-50-8 | ug/L  | --          | 1410         | 205          | 11.4         | 7.63         | 2.28          | 1.88          | 189           | 2260 D    |
| Iron                     | 7439-89-6 | ug/L  | --          | 5840         | 3170         | 2090         | 1980         | < 100 U       | < 100 U       | 189 J         | 27000     |
| Lead                     | 7439-92-1 | ug/L  | --          | 50.7         | 3.12         | 0.118 J      | < 0.1 U      | < 0.1 U       | < 0.1 U       | 1.56          | 73.9 D    |
| Magnesium                | 7439-95-4 | ug/L  | --          | 8030         | 4650         | 4170         | 4030         | 3990          | 3920          | 5300          | 15400     |
| Manganese                | 7439-96-5 | ug/L  | --          | 6650         | 1810         | 1320         | 1160         | 306           | 296           | 2090          | 10900     |
| Molybdenum               | 7439-98-7 | ug/L  | --          | < 1 U        | < 1 U        | < 1 U        | < 1 U        | < 1 U         | < 1 U         | < 1 U         | < 5 U     |
| Nickel                   | 7440-02-0 | ug/L  | --          | 13.8         | 4.04         | 2.69         | 2.72         | 0.646 J       | 0.788 J       | 5.39          | 28.8 D    |
| Potassium                | 7440-09-7 | ug/L  | --          | 1520         | 721 J        | 631 J        | 605 J        | 631 J         | 646 J         | 912 J         | 2160      |
| Selenium                 | 7782-49-2 | ug/L  | --          | 1.14 J       | < 1 U        | < 1 U        | < 1 U        | < 1 U         | < 1 U         | < 1 U         | < 5 U     |
| Silver                   | 7440-22-4 | ug/L  | --          | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U       | < 0.5 U       | < 0.5 U       | < 2.5 U   |
| Sodium                   | 7440-23-5 | ug/L  | --          | 2600         | 2310         | 2330         | 2310         | 1790          | 1790          | 1960          | 3930      |
| Thallium                 | 7440-28-0 | ug/L  | --          | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U      | < 0.5 U       | < 0.5 U       | < 0.5 U       | < 2.5 U   |
| Vanadium                 | 7440-62-2 | ug/L  | --          | < 2 U        | < 2 U        | < 2 U        | < 2 U        | < 2 U         | < 2 U         | < 2 U         | < 10 U    |
| Zinc                     | 7440-66-6 | ug/L  | --          | 4020         | 1210         | 733          | 609          | 85.8          | 110           | 1700          | 8540      |

# PRELIMINARY Analytical Data Upper Animas River

| Analyte                      | CAS.NO       | Units        | Location     | A72          | A72         | A72         | A72         | Bakers Bridge | Bakers Bridge | Bakers Bridge | CC48      |
|------------------------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|---------------|---------------|---------------|-----------|
|                              |              |              | Sample ID    | 085M-1482    | 085M-1485   | 085M-1486   | 085M-1484   | 085M-1495     | 085M-1493     | 085M-1494     | 085M-1489 |
|                              |              |              | Date         | 8/5/2015     | 8/5/2015    | 8/5/2015    | 8/6/2015    | 8/5/2015      | 8/6/2015      | 8/6/2015      | 8/5/2015  |
|                              |              |              | Sample Time  | 16:15        | 20:10       | 23:50       | 6:30        | 20:05         | 0:00          | 9:00          | 19:25     |
|                              |              |              | Latitude     | 37.79027049  | 37.79027049 | 37.79027049 | 37.79027049 | -37.454134    | -37.454134    | -37.454134    | 37.82     |
| Longitude                    | -107.6675778 | -107.6675778 | -107.6675778 | -107.6675778 | -107.801601 | -107.801601 | -107.801601 | -107.6631     |               |               |           |
| ICPOE/ICPMS Tot. Rec. Metals |              |              |              |              |             |             |             |               |               |               |           |
| Aluminum                     | 7429-90-5    | ug/L         | --           | 126000 D     | 12800       | 4470        | 2780        | 363           | 375           | 31400         | 69000 D   |
| Antimony                     | 7440-36-0    | ug/L         | --           | < 50 U       | 10.2 D      | 2.66 JD     | < 2.5 U     | < 2.5 U       | < 2.5 U       | 19.9 JD       | 35.1 JD   |
| Arsenic                      | 7440-38-2    | ug/L         | --           | 1080 D       | 116 D       | 27.1 D      | 15.7 D      | < 2.5 U       | < 2.5 U       | 264 D         | 732 D     |
| Barium                       | 7440-39-3    | ug/L         | --           | 1410 D       | 111 D       | 47.6 JD     | 31.2 JD     | 29.9 JD       | 30.7 JD       | 341 D         | 439 JD    |
| Beryllium                    | 7440-41-7    | ug/L         | --           | 18.4 JD      | 2.06 J      | < 2 U       | < 2 U       | < 2 U         | < 2 U         | 4.73 J        | 13.1 JD   |
| Cadmium                      | 7440-43-9    | ug/L         | --           | 28.3 D       | 4.69 D      | 3.23 D      | 2.34 D      | < 0.5 U       | < 0.5 U       | 6.13 D        | 30.6 D    |
| Calcium                      | 7440-70-2    | ug/L         | --           | 98400 D      | 55100       | 51100       | 50300       | 33000         | 32400         | 48500         | 171000 D  |
| Chromium                     | 7440-47-3    | ug/L         | --           | < 100 U      | 10.6 D      | < 5 U       | < 5 U       | < 5 U         | < 5 U         | < 25 U        | < 50 U    |
| Cobalt                       | 7440-48-4    | ug/L         | --           | 54.1 D       | 9.51 D      | 5.92 D      | 5.24 D      | 0.975 JD      | 1.12 D        | 12.8 D        | 59.8 D    |
| Copper                       | 7440-50-8    | ug/L         | --           | 4820 D       | 542 D       | 180 D       | 113 D       | 4.03 JD       | 4.15 JD       | 1120 D        | 3620 D    |
| Iron                         | 7439-89-6    | ug/L         | --           | 1250000 D    | 164000      | 35700       | 18400       | 421           | 412           | 326000        | 896000 D  |
| Lead                         | 7439-92-1    | ug/L         | --           | 25600 D      | 1390 D      | 301 D       | 88.3 D      | 3.45 D        | 1.5 D         | 5720 D        | 7530 D    |
| Magnesium                    | 7439-95-4    | ug/L         | --           | 41800 D      | 6490        | 4640        | 4120        | 4110          | 3920          | 12100         | 23400 D   |
| Manganese                    | 7439-96-5    | ug/L         | --           | 12200 D      | 2020        | 1350        | 1170        | 302           | 295           | 3040          | 11900 D   |
| Molybdenum                   | 7439-98-7    | ug/L         | --           | 268 D        | 23.2 D      | 5.89 D      | < 5 U       | < 5 U         | < 5 U         | 66.9 D        | 138 D     |
| Nickel                       | 7440-02-0    | ug/L         | --           | < 50 U       | 6.61 D      | 3.75 JD     | 3.54 JD     | < 2.5 U       | < 2.5 U       | < 12.5 U      | 36 JD     |
| Potassium                    | 7440-09-7    | ug/L         | --           | 28600 D      | 3030        | 1480        | 940 J       | 751 J         | 748 J         | 8400          | 11300 D   |
| Selenium                     | 7782-49-2    | ug/L         | --           | < 100 U      | < 5 U       | < 5 U       | < 5 U       | < 5 U         | < 5 U         | < 25 U        | < 50 U    |
| Silver                       | 7440-22-4    | ug/L         | --           | 149 D        | 8.25 D      | < 2.5 U     | < 2.5 U     | < 2.5 U       | < 2.5 U       | 37.8 D        | 45.7 JD   |
| Sodium                       | 7440-23-5    | ug/L         | --           | 4750 JD      | 2460        | 2310        | 2250        | 1870          | 1820          | 2710          | 4450 JD   |
| Thallium                     | 7440-28-0    | ug/L         | --           | < 50 U       | < 2.5 U     | < 2.5 U     | < 2.5 U     | < 2.5 U       | < 2.5 U       | < 12.5 U      | < 25 U    |
| Vanadium                     | 7440-62-2    | ug/L         | --           | 677 D        | 80.7 D      | 18.7 D      | 12.4 JD     | < 10 U        | < 10 U        | 172 D         | 455 D     |
| Zinc                         | 7440-66-6    | ug/L         | --           | 6840 D       | 1250        | 806         | 672         | 129           | 137           | 1860          | 8060 D    |
| TM_Mercury 245.1             |              |              |              |              |             |             |             |               |               |               |           |
| Mercury                      | 7439-97-6    | ug/L         | --           | 0.418        | 0.065 J     | < 0.05 U    | < 0.05 U    | < 0.05 U      | < 0.05 U      | 0.152         | 0.078 J   |

J Data Estimated qualifier (also applied to all data)  
 MDL Method Detection Limit  
 PQL Practical Quantitation Limit, also known as report  
 U Analyte not detected at or above MDL qualifier  
 D Diluted value qualifier.  
 mg/L Parts per million (milligrams per liter). Solids equ  
 ug/L Parts per billion (micrograms per liter). Solids equ

**PRELIMINARY Analytical Data  
Upper Animas River**

| Analyte                  | CAS.NO    | Units | Location    | CC48      | CC48      | Cement Creek 14th St Bridge |
|--------------------------|-----------|-------|-------------|-----------|-----------|-----------------------------|
|                          |           |       | Sample ID   | 085M-1488 | 085M-1487 | 085M-1496                   |
|                          |           |       | Date        | 8/5/2015  | 8/6/2015  | 8/5/2015                    |
|                          |           |       | Sample Time | 23:00     | 6:00      | 16:00                       |
|                          |           |       | Latitude    | 37.82     | 37.82     | 37.8124                     |
|                          |           |       | Longitude   | -107.6631 | -107.6631 | -107.661401                 |
| DM-Hardness - Calculated |           |       |             |           |           |                             |
| Hardness                 | NA        | mg/l  | --          | 467       | 433       | 1300                        |
| ICPOE/ICPMS Diss. Metals |           |       |             |           |           |                             |
| Aluminum                 | 7429-90-5 | ug/L  | --          | 14400     | 10100     | 91900                       |
| Antimony                 | 7440-36-0 | ug/L  | --          | < 2.5 U   | < 2.5 U   | < 5 U                       |
| Arsenic                  | 7440-38-2 | ug/L  | --          | < 2.5 U   | < 2.5 U   | < 5 U                       |
| Barium                   | 7440-39-3 | ug/L  | --          | < 25 U    | < 25 U    | < 50 U                      |
| Beryllium                | 7440-41-7 | ug/L  | --          | 4.31 J    | 2.65 J    | 34.8                        |
| Cadmium                  | 7440-43-9 | ug/L  | --          | 19.1 D    | 14.2 D    | 98.3 D                      |
| Calcium                  | 7440-70-2 | ug/L  | --          | 167000    | 156000    | 461000                      |
| Chromium                 | 7440-47-3 | ug/L  | --          | < 5 U     | < 5 U     | < 10 U                      |
| Cobalt                   | 7440-48-4 | ug/L  | --          | 36.2 D    | 30.7 D    | 204 D                       |
| Copper                   | 7440-50-8 | ug/L  | --          | 1130 D    | 786 D     | 10400 D                     |
| Iron                     | 7439-89-6 | ug/L  | --          | 21300     | 20000     | 49500                       |
| Lead                     | 7439-92-1 | ug/L  | --          | 54.1 D    | 30 D      | 150 D                       |
| Magnesium                | 7439-95-4 | ug/L  | --          | 12300     | 10900     | 36500                       |
| Manganese                | 7439-96-5 | ug/L  | --          | 8020      | 6720      | 37100                       |
| Molybdenum               | 7439-98-7 | ug/L  | --          | < 5 U     | < 5 U     | < 10 U                      |
| Nickel                   | 7440-02-0 | ug/L  | --          | 18.2 D    | 15.8 D    | 91.5 D                      |
| Potassium                | 7440-09-7 | ug/L  | --          | 1600      | 1410      | 6630                        |
| Selenium                 | 7782-49-2 | ug/L  | --          | < 5 U     | < 5 U     | < 10 U                      |
| Silver                   | 7440-22-4 | ug/L  | --          | < 2.5 U   | < 2.5 U   | < 5 U                       |
| Sodium                   | 7440-23-5 | ug/L  | --          | 3660      | 3690      | 4960                        |
| Thallium                 | 7440-28-0 | ug/L  | --          | < 2.5 U   | < 2.5 U   | < 5 U                       |
| Vanadium                 | 7440-62-2 | ug/L  | --          | < 10 U    | < 10 U    | < 20 U                      |
| Zinc                     | 7440-66-6 | ug/L  | --          | 5820      | 4650      | 26800                       |

# PRELIMINARY Analytical Data Upper Animas River

| Analyte                      | CAS.NO    | Units | Location    | CC48      | CC48      | Cement Creek 14th St Bridge |
|------------------------------|-----------|-------|-------------|-----------|-----------|-----------------------------|
|                              |           |       | Sample ID   | 085M-1488 | 085M-1487 | 085M-1496                   |
|                              |           |       | Date        | 8/5/2015  | 8/6/2015  | 8/5/2015                    |
|                              |           |       | Sample Time | 23:00     | 6:00      | 16:00                       |
|                              |           |       | Latitude    | 37.82     | 37.82     | 37.8124                     |
|                              |           |       | Longitude   | -107.6631 | -107.6631 | -107.661401                 |
| ICPOE/ICPMS Tot. Rec. Metals |           |       |             |           |           |                             |
| Aluminum                     | 7429-90-5 | ug/L  | --          | 28700 D   | 16400     | 945000 D                    |
| Antimony                     | 7440-36-0 | ug/L  | --          | 14.1 D    | 6.79 D    | 321 JD                      |
| Arsenic                      | 7440-38-2 | ug/L  | --          | 203 D     | 98.5 D    | 8230 D                      |
| Barium                       | 7440-39-3 | ug/L  | --          | 159 D     | 52.3 D    | 9730 D                      |
| Beryllium                    | 7440-41-7 | ug/L  | --          | < 10 U    | 3.55 J    | 135 JD                      |
| Cadmium                      | 7440-43-9 | ug/L  | --          | 18.5 D    | 14.5 D    | 165 D                       |
| Calcium                      | 7440-70-2 | ug/L  | --          | 154000 D  | 146000    | 454000 D                    |
| Chromium                     | 7440-47-3 | ug/L  | --          | 17.2 JD   | 6.62 JD   | 706 JD                      |
| Cobalt                       | 7440-48-4 | ug/L  | --          | 39.1 D    | 29.8 D    | 384 D                       |
| Copper                       | 7440-50-8 | ug/L  | --          | 1480 D    | 909 D     | 36700 D                     |
| Iron                         | 7439-89-6 | ug/L  | --          | 276000 D  | 130000    | 9930000 D                   |
| Lead                         | 7439-92-1 | ug/L  | --          | 2010 D    | 536 D     | 179000 D                    |
| Magnesium                    | 7439-95-4 | ug/L  | --          | 15000 D   | 11300     | 279000 D                    |
| Manganese                    | 7439-96-5 | ug/L  | --          | 8270 D    | 6540      | 78000 D                     |
| Molybdenum                   | 7439-98-7 | ug/L  | --          | 36.5 D    | 14.3 D    | 2010 D                      |
| Nickel                       | 7440-02-0 | ug/L  | --          | 20.8 D    | 14.8 D    | 276 JD                      |
| Potassium                    | 7440-09-7 | ug/L  | --          | 5220 D    | 2470      | 212000 D                    |
| Selenium                     | 7782-49-2 | ug/L  | --          | 10.1 JD   | < 5 U     | < 500 U                     |
| Silver                       | 7440-22-4 | ug/L  | --          | 10.8 D    | 2.53 JD   | 1110 D                      |
| Sodium                       | 7440-23-5 | ug/L  | --          | 3940 JD   | 3730      | 23400 JD                    |
| Thallium                     | 7440-28-0 | ug/L  | --          | < 5 U     | < 2.5 U   | < 250 U                     |
| Vanadium                     | 7440-62-2 | ug/L  | --          | 131 D     | 67.3 D    | 5470 D                      |
| Zinc                         | 7440-66-6 | ug/L  | --          | 5400 D    | 4160      | 44000 D                     |
| TM_Mercury 245.1             |           |       |             |           |           |                             |
| Mercury                      | 7439-97-6 | ug/L  | --          | 0.077 J   | 0.052 J   | 19.2 D                      |

J Data Estimated qualifier (also applied to all data)  
 MDL Method Detection Limit  
 PQL Practical Quantitation Limit, also known as report  
 U Analyte not detected at or above MDL qualifier  
 D Diluted value qualifier.  
 mg/L Parts per million (milligrams per liter). Solids equ  
 ug/L Parts per billion (micrograms per liter). Solids equ